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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/783,391	02/20/2004	Pedro Aza-Blanc	P1111US10

CONFIRMATION NO. 6423

29490

TIMOTHY L. SMITH
 GENOMICS INSTITUTE OF THE
 NOVARTIS RESEARCH FOUNDATION
 10675 JOHN JAY HOPKINS DRIVE, SUITE E225
 SAN DIEGO, CA 92121-1127

FORMALITIES LETTER



OC000000012677798

Response: 07/17/04

Date Mailed: 05/17/2004



NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Accepted 5/19/04
 Filing Date 2/22/04

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$900 for a Large Entity

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450

GNF Legal Department
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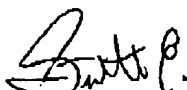
MAY 19 2004

09/13/2004 CNGUYEN 00000079 501885 10783391

02 FC:1001 770.00 DA
 03 FC:1051 130.00 DA

Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

GNF Docket No.: P1111US10
Confirmation No.: 6423

PTO/SB/97 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence for U.S. Patent Application No. 10/783,391, filed February 20, 2004 in re Pedro Aza-Blanc, *et al.* is being facsimile transmitted to the United States Patent and Trademark Office at facsimile number (703) 746-4060 on September 10, 2004.

Date

Jill R. Clarke
Signature

Jill R. Clarke

Typed or printed name of person signing Certificate

Customer No. 29490
Genomics Institute of the Novartis Research Foundation
Telephone: 858-812-1855
Fax: 858-812-1981

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Attachments:

1. Form PTO/SB/21 Transmittal Form (1 pg.);
2. Form PTO/SB/17 Fee Transmittal Form with authorization to charge Deposit Account No. 50-1885 in the amount of \$1,320 for filing (\$770), surcharge (\$130), two month extension of time (\$420) (1 pg. + 1 pg. copy);
3. Form PTO/SB/01A Declaration Using ADS executed by Pedro Aza-Blanc, Michael P. Cooke and Quinn L. Deveraux (1 pg.), Supplemental ADS (3 pgs.);
4. Form PTO/SB/01A Declaration Using ADS executed by Christopher L. Cooper (1 pg.), Supplemental ADS (3 pgs.);
5. Executed Form PTO/SB/96 Statement Under 37 CFR 3.73(b) (1 pg.);
6. Photocopy of executed Assignment from Pedro Aza-Blanc, Michael P. Cooke, Quinn L. Deveraux, and Christopher L. Cooper to IRM LLC (5 pgs.);
7. Photocopy of General Power of Attorney from Assignee IRM LLC to Timothy L. Smith (1 pg.);
8. Copy of Notice to File Missing Parts (2 pgs.); and
9. Fax Cover Sheet with Certificate of Transmission under 37 CFR 1.8 (1 pg.).

Total pages (including this paper): 20

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1460, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10783,391
		Filing Date	02/20/2004
		First Named Inventor	Pedro Aza-Blanc
		Art Unit	8423 1645
		Examiner Name	
Total Number of Pages in This Submission	20	Attorney Docket Number	P1111US10

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO/SB/01A Declaration Using ADS executed by Pedro Aza-Blanc, Michael P. Cooke and Quinn L. Deveraux (1 pg.), Supplemental ADS (3 pgs.); 2. Form PTO/SB/01A Declaration Using ADS executed by Christopher L. Cooper (1 pg.), Supplemental ADS (3 pgs.); 3. Executed Form PTO/SB/96 Statement Under 37 CFR 3.73(b) (1 pg.); 4. Photocopy of executed Assignment from Pedro Aza-Blanc, Michael P. Cooke, Quinn L. Deveraux, and Christopher L. Cooper to IRM LLC (5 pgs.); 5. Photocopy of General Power of Attorney from Assignee IRM LLC to Timothy L. Smith (1 pg.); 6. Photocopy of Notice to File Missing Parts (2 pgs.); and 7. Fax Cover Sheet with Certificate of Transmission under 37 CFR 1.8 (1 pg.).
Remarks: The Director is authorized to charge any additional fees to Deposit Account No. 50-1885. Applicants respectfully request a two-month extension of time to respond to the Notice mailed May 17, 2004.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or individual name	Hugh Wang, J.D., Ph.D.
Signature	
Date	September 10, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at facsimile number (703) 748-4060 on the date shown below.			
Typed or printed name	Jill R. Clarke	Date	September 10, 2004
Signature		Date	September 10, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

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09/13/2004 CNGUYEN 00000079 501885 10783391

01 FC:1252 420.00 DA

SEP 10 2004

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0851-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,320

Complete If Known

Application Number	10/783,391
Filing Date	02/20/2004
First Named Inventor	Pedro Aza-Blanc
Examiner Name	
Art Unit	6429-1645
Attorney Docket No.	P1111US10

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order
☒ Deposit Account:Deposit
Account
Number

50-1935

Deposit
Account
NameGenomics Institute of the Novartis Research
Foundation

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee
 to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	180	2005	90	Provisional filing fee	
SUBTOTAL (1)					(\$ 770)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	0		0
Multiple Dependent			0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	88	2204	43	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$ 0)

*or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	130
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1806	1,840*	1806	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	420
1253	850	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1480	130	1480	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (a)	
1806	180	1806	180	Submission of Information Disclosure Sheet	
6021	40	6021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.128(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.128(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1902	900	Request for expedited examination of a design application	
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)	(\$ 550)

SUBMITTED BY

Name (Print/Type)	Hugh Wang, J.D., Ph.D.	Registration No. (Attorney/Agent)	47,163	Telephone	858-612-1539
Signature		Date	September 10, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

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